•	this form, together was		ee(s), to: <u>M</u> or <u>I</u>	<u>Iail</u> Fax	Mail Stop ISSUI Commissioner fo P.O. Box 1450 Alexandria, Virg (703) 746-4000	or Patents ginia 22313-1450	
INSTRUCTIONS: This fo appropriate. All further co- indicated unless corrected maintenance fee notification	orm should be used for ran rrespondence or the below or directed otherwise below or directed otherwise ns.	Smitting the ISSU Patent, advance or in Block 1, by (a	JE FEE and lead of the second	PUBLIC fication a new co	CATION FEE (if requ of maintenance fees v orrespondence address	ired). Blocks 1 through 5 s will be mailed to the current ; and/or (b) indicating a sep	should be completed where correspondence address as arate "FEE ADDRESS" for
CURRENT CORRESPONDENCE	CE ADDRESS (Note: Use Block 1 for 1590 05/24/2005	any change of address)		1.1	papers. Each addition:	mailing can only be used f is certificate cannot be used al paper, such as an assignm e of mailing or transmission.	for domestic mailings of the for any other accompanying ent or formal drawing, mus
HOFFMANN-LA PATENT LAW DI 340 KINGSLAND NUTLEY, NJ 071	EPARTMENT STREET				Cel I hereby certify that the States Postal Service addressed to the Mai transmitted to the USF	rtificate of Mailing or Tran his Fec(s) Transmittal is bein with sufficient postage for fin I Stop ISSUE FEE address TO (703) 746-4000, on the	smission Ig deposited with the United Is above, or being facsimiled date indicated below.
16/2005 RMEBRAH1 0000		72				. ROCHA-TRAMALO	
FC:1501 1400.00) DA				0		(Signature)
FC:1504 300.00 FC:8001 30.00) DA				AUGUST 12,	2005	(Date)
APPLICATION NO.	FILING DATE	DATE FIRST N) INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/623,972	10/623,972 07/21/2003		Yi Chen			21266 US1	5346
APPLN. TYPE nonprovisional	SMALL ENTITY NO	L	ISSUE FEE \$1400		BLICATION FEE	TOTAL FEE(S) DUE \$1700	DATE DUE 08/24/2005
nonprovisional		4. 100	•				00/2 1/2000
	4D.IED		. <u>. </u>		A CO CLIDOL A CO	1	
WARD,	MINER PAUL V ce address or indication of "Fe	ART UN 1623 ec Address" (37			ASS-SUBCLASS 544-256000 he patent front page, li	st	TO THE TOTAL POPULATION OF
WARD, 1. Change of correspondence CFR 1.363). Change of correspondence Address form PTO/SB/1 "Fee Address" indicate PTO/SB/47; Rev 03-02 Number is required.	PAUL V ce address or indication of "Formula dence address (or Change of 22) attached. tion (or "Fee Address" Indicator more recent) attached. Use	1623 ce Address" (37 Correspondence ation form	2. For prin (1) the nar or agents C (2) the nan registered 2 registered listed, no n	ting on t nes of u DR, alter ne of a s attorney d patent lame wil	he patent front page, lip to 3 registered paternatively, single firm (having as a or agent) and the namattorneys or agents. If I be printed.	a member a 2 PATRIC	E W. JOHNSTON TAS. ROCHA-TRAM
WARD, I. Change of correspondence CFR 1.363). Change of correspondence Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in	PAUL V ce address or indication of "Fordence address (or Change of 22) attached. Ition (or "Fee Address" Indication (or more recent) attached. Use D RESIDENCE DATA TO B as an assignee is identified ben 37 CFR 3.11. Completion	1623 ce Address" (37 Correspondence ation form a of a Customer E PRINTED ON 1 clow, no assignce of this form is NO	2. For print (1) the nart or agents (2) the nant registered 2 registered listed, no nartHE PATENT data will apper I a substitute (1)	ting on t mes of u DR, altern ne of a sa attorney d patent name wil (print o car on the	he patent front page, lip to 3 registered paternatively, single firm (having as a or agent) and the namattorneys or agents. If I be printed.	a member a 2 PATRIC les of up to no name is 3	IAS. ROCHA-IRAM
WARD, I. Change of correspondence CFR 1.363). Change of correspondence Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGN	PAUL V ce address or indication of "Fordence address (or Change of 22) attached. Ition (or "Fee Address" Indication (or more recent) attached. Use D RESIDENCE DATA TO B as an assignee is identified ben 37 CFR 3.11. Completion	1623 ce Address" (37 Correspondence ation form a of a Customer E PRINTED ON 1 clow, no assignce of this form is NO	2. For prin (1) the nar or agents C (2) the nan registered 2 registered isted, no n THE PATENT data will appor T a substitute (3) RESIDENC	ting on t nes of u DR, alternes ne of a sattornesy d patent ame will (print o ear on the for filing	he patent front page, lip to 3 registered paternatively, single firm (having as a or agent) and the namattomeys or agents. If I be printed.	a member a 2 PATRIC les of up to no name is 3	IAS. ROCHA-TRAM
WARD, 1. Change of correspondenc CFR 1.363). Change of correspondence of correspon	PAUL V ce address or indication of "Fordence address (or Change of 22) attached. Ition (or "Fee Address" Indication (or more recent) attached. Use D RESIDENCE DATA TO B as an assignee is identified bein 37 CFR 3.11. Completion of the completion	1623 cc Address" (37 Correspondence ation form e of a Customer E PRINTED ON 1 clow, no assignce of this form is NO	2. For prin (1) the nar or agents (2) the nan registered 2 registered -listed, no n THE PATENT data will appor T a substitute (3) RESIDENC NUTLE	ting on to the second of the second of a second of a second of the secon	he patent front page, lip to 3 registered paternatively, single firm (having as a or agent) and the narrattomeys or agents. If I be printed. Type) The patent. If an assign an assignment. Y and STATE OR COME.	a member a 2 PATRIC less of up to no name is 3	IA S. ROCHA - TRAM
WARD, I. Change of correspondence CFR 1.363). Change of correspondence CFR 1.363). Change of correspondence Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGN HOFFMANN—L Please check the appropriate 4a. The following fee(s) are	PAUL V ce address or indication of "Fordence address (or Change of 22) attached. Ition (or "Fee Address" Indication for more recent) attached. Using the properties of the pr	tion form a of a Customer E PRINTED ON 1 clow, no assignce of this form is NO (E	2. For print (1) the nart or agents (2) the nant registered (2) registered isted, no number of a substitute (3) RESIDENC NUTLE (1) Payment of 1	ting on to the second of the s	he patent front page, lip to 3 registered paternatively, single firm (having as a or agent) and the namattorneys or agents. If I be printed. Type) Type Type Type Type Type Type Type Type	a member a 2 PATRIC less of up to no name is 3 lece is identified below, the country)	IA S. ROCHA - TRAM
WARD, 1. Change of correspondence CFR 1.363). Change of correspond; Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGN HOFFMANN—L Please check the appropriate 4a. The following fee(s) are	PAUL V ce address or indication of "Fordance address (or Change of 22) attached. Ition (or "Fee Address" Indicator more recent) attached. Use D RESIDENCE DATA TO B is an assignee is identified bein 37 CFR 3.11. Completion of the EE. A ROCHE INC. ce assignee category or category enclosed:	1623 cc Address" (37 Correspondence ation form e of a Customer E PRINTED ON 1 clow, no assignce of this form is NO (E	2. For print (1) the nart or agents (2) the nant registered 2 registered listed, no number 1 a substitute (1) RESIDENC NUTLE (1) Payment of (1) A check i	ting on to the second of the s	he patent front page, lip to 3 registered paternatively, single firm (having as a or agent) and the nam attorneys or agents. If I be printed. Type) Type) Type Type Type Type Type Type Type Type	a member a 2 PATRIC as of up to 1 mo name is 3 mee is identified below, the country) orporation or other private gracelesed.	IA S. ROCHA - TRAM
WARD, 1. Change of correspondence CFR 1.363). Change of correspondence CFR 1.363). Change of correspondence Address form PTO/SB/1 "Fee Address" indicate PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGN HOFFMANN—L Please check the appropriate 4a. The following fee(s) are Issue Fee	PAUL V ce address or indication of "Fordence address (or Change of 22) attached. Ition (or "Fee Address" Indicator more recent) attached. Use D RESIDENCE DATA TO Be an assignee is identified bein 37 CFR 3.11. Completion of IEE LA ROCHE INC. ce assignee category or category enclosed: small entity discount permitte.	1623 cc Address" (37 Correspondence ation form e of a Customer E PRINTED ON 1 clow, no assignce of this form is NO (E	2. For print (1) the nart or agents (2) the nant registered (2) the nant registered (2) registered (3) results (4) and	ting on to the second of the s	he patent front page, lip to 3 registered patentively, single firm (having as a or agent) and the nam attorneys or agents. If I be printed. Type) Type Type Type Type The patent. If an assign an assignment. Y and STATE OR COMEW JERSEY Individual Company of the fee(s) is entered and the fee(s) is entered.	a member a 2 PATRIC a member a 2 PATRIC as of up to 3 no name is 3 nee is identified below, the country) orporation or other private gracelosed. B is attached. harge the required fee(s), or	IA S. ROCHA - TRAM
WARD, 1. Change of correspondence CFR 1.363). Change of correspondence CFR 1.363). Change of correspondence CFR 1.363). The Please NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGN HOFFMANN—L. Please check the appropriate CFM 1. Supplication Fee (No some CFR 1. Supplicati	PAUL V ce address or indication of "Fordence address (or Change of 22) attached. Ition (or "Fee Address" Indicator more recent) attached. Use D RESIDENCE DATA TO B is an assignee is identified bein 37 CFR 3.11. Completion of IEE LA ROCHE INC. ce assignee category or category enclosed: small entity discount permitted f Copies TEN (10) se (from status indicated above in the content of the c	1623 cc Address" (37 Correspondence ation form e of a Customer the PRINTED ON 1 clow, no assignce of this form is NO (E prics (will not be price) (E) (E) (E) (E) (E) (E) (E) (E) (E) (E	2. For print (1) the nart or agents (2) the nant registered 2 registered 2 registered listed, no number of a substitute (a) RESIDENC NUTLE (a) Payment of A check in Payment (b) Payment (c) Payment (c) Deposit Acce	ting on to the same will be care on the for filing EE: (CITY, Natent): Fee(s): n the am by credit ctor is hount Nurant is no	he patent front page, lip to 3 registered paternatively, single firm (having as a or agent) and the nam attorneys or agents. If I be printed. Type) The patent. If an assign an assignment. Y and STATE OR COMEW JERSEY Individual Company of the fee(s) is enternamed and start of the fee(s) is enternamed attorneys authorized by comber 08-2525.	a member a 2 PATRIC a member a 2 PATRIC action of up to 10 mo name is 3 more decision of up to 10 mo name is 3 more decision or other private gracelosed. B is attached. Charge the required fee(s), or (enclose an extra conclusion or other private gracelosed.	document has been filed for our entity Government credit any overpayment, to opp of this form).
WARD, 1. Change of correspondence CFR 1.363). Change of correspondence CFR 1.363). Change of correspondence CFR 1.363). The Please NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGN HOFFMANN—L. Please check the appropriate CFM 1. Supplication Fee (No some CFR 1. Supplicati	PAUL V ce address or indication of "Ford address (or Change of 22) attached. Ition (or "Fee Address" Indice or more recent) attached. Use D RESIDENCE DATA TO Be an assignee is identified be a 37 CFR 3.11. Completion of IEE LA ROCHE INC. ce assignee category or category enclosed: small entity discount permitted of Copies TEN (10) ce (from status indicated above)	1623 cc Address" (37 Correspondence ation form e of a Customer the PRINTED ON 1 clow, no assignce of this form is NO (E prics (will not be price) (E) (E) (E) (E) (E) (E) (E) (E) (E) (E	2. For print (1) the nart or agents (2) the nant registered 2 registered 2 registered listed, no number of a substitute (a) RESIDENC NUTLE (a) Payment of A check in Payment (b) Payment (c) Payment (c) Deposit Acce	ting on to the same will be care on the for filing EE: (CITY, Natent): Fee(s): n the am by credit ctor is hount Nurant is no	he patent front page, lip to 3 registered paternatively, single firm (having as a or agent) and the nam attorneys or agents. If I be printed. Type) The patent. If an assign an assignment. Y and STATE OR COMEW JERSEY Individual Company of the fee(s) is enternamed and start of the fee(s) is enternamed attorneys authorized by comber 08-2525.	a member a 2 PATRIC a member a 2 PATRIC action of up to 10 mo name is 3 more decision of up to 10 mo name is 3 more decision or other private gracelosed. B is attached. Charge the required fee(s), or (enclose an extra conclusion or other private gracelosed.	IA S. ROCHA - TRAM document has been filed for our entity Government credit any overpayment, to opp of this form).
WARD, 1. Change of correspondence CFR 1.363). Change of correspondence CFR 1.363). Change of correspondence CFR 1.363). "Fee Address of m PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGN HOFFMANN—L Please check the appropriate 4a. The following fee(s) are	PAUL V ce address or indication of "Fordence address (or Change of 22) attached. Ition (or "Fee Address" Indicator more recent) attached. Use D RESIDENCE DATA TO B is an assignee is identified bein 37 CFR 3.11. Completion of IEE LA ROCHE INC. ce assignee category or category enclosed: small entity discount permitted f Copies TEN (10) se (from status indicated above in the content of the c	tion form e of a Customer e of a Customer e of this form is NO (Buries (will not be produced) The control of this form is NO (Buries (will not be produced) The control of this form is NO (Buries (will not be produced) The control of this form is NO (Buries (will not be produced) The control of this form is NO (Buries (will not be produced) The control of this form is NO (Buries (will not be produced) The control of this form is NO (Buries (will not be produced) The control of this form is NO (Buries (will not be produced) The control of this form is NO (Buries (will not be produced) The control of this form is NO (Buries (will not be produced)) The control of this form is NO (Buries (will not be produced))	2. For print (1) the nart or agents (2) the nant registered 2 registered 2 registered 12 registered 13 registered 14 registered 15 registered	ting on to mes of upon altername will (print of the for filing E.E. (CITTY, Natent): Fec(s): In the amby credit ctor is hount Numer to the fount of the found o	he patent front page, lip to 3 registered paternatively, single firm (having as a or agent) and the nam attorneys or agents. If I be printed. Trype) The patent. If an assign an assignment. Y and STATE OR COMEW JERSEY Individual Company of the fee(s) is enternatively authorized by comber 08-2525. Ionger claiming SMA re-apply any previouslant the applicant; a regional contents.	a member a 2 PATRIC attationeys 1 GEORG a member a 2 PATRIC attatione is 3 and a content of the	IA S. ROCHA - TRAM document has been filed for the component of the compo

This collection of information is required by 37 CFR 1:311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case: Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.